



CAREFULNESS AND COURTESY MARK THE DRIVING OF A VAST majority of Y-12 motor vehicle operators with the above posed pictures demonstrating proper procedures. At left R. C. McGuffin, Research Services, at the wheel of the pickup truck stops at a pedestrian lane, giving the correct hand signal to traffic approaching from the rear, to allow T. I. Reasor, J. D. Griffin and G. L. Nichols, all of the



General Machine Shop, to cross the street. Riders in the truck are W. J. Sims and Howard W. Peckman, both of Research Services. The picture at right shows proper method of backing a truck toward a building entrance. W. J. Sims, Research Services, a direct rear view blocked by the truck body, watches in a rear view mirror for signals from R. C. McGuffin, of the same department.

Safe, Courteous Driving Of U.S. Vehicles Urged

Traffic Hazards Made By 390 Vehicles, 3,600 Y-12 Drivers

With approximately 3,600 Y-12ers authorized to operate United States Government motor vehicles and approximately 390 such vehicles in service in the Y-12 Plant, there naturally are traffic hazards on the roads and streets of the plant. However, the Safety Department points out that a motor vehicle itself is not dangerous—only potentially becoming so when a driver takes control.

Most Y-12ers Are Careful

Because all holders of government driving permits must pass strict tests, the vast majority of drivers of motor vehicles in the Y-12 Plant are careful and operate their vehicles in a safe manner. However, there are exceptions and to the small minority the Safety Department is reviewing rules and common-sense regulations to guide such drivers.

It is pointed out that during 1959 there were 49 motor vehicle accidents resulting in \$3,050 damages. Already through July of this year there have been 39 traffic mishaps causing \$1,320 damages.

All Drivers Have Responsibilities

Responsibility rests with all drivers of vehicles in the Y-12 Plant—both for the safety of the vehicle itself as well as for other vehicles and persons who might cross their path of movement. There is no way to avoid such responsibility when a driver is operating heavy or light truck passenger vehicles or scooters.

All drivers should be certain their intended path of travel is clear before starting the vehicle in motion. This is particularly important when backing—yet 20 of the 49 traffic accidents in Y-12 in 1959 were caused by drivers backing vehicles without checking or misjudging clearance behind them. Horns should be sounded prior to backing.

Must Be Able To Stop

Common sense must be exercised when vehicles are in motion so that they may be operated at a safe speed. Vehicles should be under control at all times with drivers able to stop them promptly when necessary.

Complying with the "yield right of way" sign at intersection is a most important regulation for all drivers. The sign means vehicles

Continued on Page 4

Y-12 'Co-Op' From Auburn University Makes Phi Beta Kappa With High Grades

Charles D. Montgomery Will Become Full-Time Employee In Plant In Development Division

The Carbide "co-op program" that has been in operation at the Y-12 Plant and other Union Carbide Nuclear Company installations in Oak Ridge, has proven of extensive benefit both to the college and university students participating in the program as well as to the Company. The "co-op program" provides employment by UCNC in on-the-job training for recommended students of engineering and in scientific fields and their regular collegiate classes on alternate periods.

39 Co-Ops In Y-12

There are at present 39 such co-op students working in the Y-12 Plant. They are selected by their educational institutions for assignment to the Company, the selection being based on their scholastic grades and apparent fitness for the assignment.

The requirements for the co-op assignments are so high that UCNC has had an exceptional number of highly graded students. Among the number of such students who have participated in the program in the Y-12 Plant is Charles David Montgomery, of Auburn, Ala., University. He began his co-op career in Y-12 in December, 1957, and completed four quarters of service under the program. After completing those periods of on-the-job training here he obtained a Union Carbide Corporation scholarship with which to continue his studies at Auburn University, from which he will graduate next week.

Following his graduation he will return to Y-12 as a full-time employee about September 1 as an associate engineer in the Development Division.

Only Two Bs Given

During his collegiate career at Auburn young Montgomery has established an exceptional high scholastic grading. For four years he is reported to have been given only two "B" marks, all the rest being "As" in difficult engineering courses. He has consistently been on the dean's list of outstanding students at the university.

Continued on Page 4

Soviet Advances Owe Much To Espionage

Authorities believe that the advanced state of Soviet Russia's technology today is due more to their success in espionage and subversion than to their scientific know-how, good as it is.

On each occasion that a classified document is unattended on a desk, table, or in a mail rack or when a security file in which classified documents are stored is unlocked and unattended, the information is subject to compromise. It is a basic principle of security that classified information be available only to those who are properly cleared and need the information for performance of official duties. Violation of this principle and probable compromise of vital defense information result when classified documents are improperly stored when unattended.

To store classified documents properly at the end of the work shift or when they are to be unattended requires but a few seconds. Agents and spies seldom steal documents. It is much more convenient to photograph the contents. The documents are not missing and no one is aware of the compromise until the information is used to the advantage of unfriendly powers.

Each custodian of classified documents must assure that the contents are available only to those who are properly cleared and need the information for the performance of their duties.

NEW PLANT PLANNED

A new polyethylene plant is being constructed in Altona, Victoria Province, in Australia by Union Carbide Australia, Limited. The plant is scheduled to be completed in mid-1961.



CAUTION SIGNS WARNING Y-12 MOTOR VEHICLE DRIVERS of plant traffic regulations are located on every road and street in the Y-12 Plant, a typical scene above showing a "drive safely" sign with a "yield right of way" target in the rear. The riders in the truck are H. W. Peckman and W. J. Sims, both of Research Services, relaxing as the driver is complying with the directions.



THE UNIDENTIFIED DRIVER OF THIS TRUCK is obeying the "yield right of way" instructions on the sign at right as the vehicle nears an intersection. The driver is giving a "stop" hand signal to warn traffic approaching from the rear.

AEC Extends Contract With Goodyear For Operation Of Portsmouth Plant

The Atomic Energy Commission has announced a four-year extension of its contract with Goodyear Atomic Corporation for operation of the Portsmouth Gaseous Diffusion Plant in Pike County, Ohio.

The contract with Goodyear Atomic Corporation, subsidiary of the Goodyear Tire and Rubber Company, was extended through June 30, 1965. A prior extension of the original contract was scheduled to expire June 30, 1961.

The Portsmouth Plant is one of the Commission's three installations for large-scale separation of fissionable Uranium-235 by the gaseous diffusion process. The product of the plants is used in the national defense programs and

the peaceful applications of nuclear energy.

Construction of the Portsmouth plant was started in 1952, and Goodyear assumed responsibility for operation as various segments of the plant were completed.

The Portsmouth plant represents an investment of approximately \$760,000,000.

RUG SHAMPOO DEVELOPED

On the market is a synthetic-liquid rug shampoo, formulated for "on location" cleaning of carpets and upholstery. The shampoo, it is said, is capable of cleaning wool, cotton and synthetic carpets without causing fading. The shampoo contains an agent to prevent mildew and will not separate when stored.

SAFETY SCOREBOARD

The Y-12 Plant Has Operated
**248 Days Or
8,174,000 Man-Hours**
(Unofficial Estimate)
Without A Disabling Injury

Through August 14

Phone 7755

For Daily Report
On Accident-Free Hours

The Bulletin

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Mr. and Mrs. Charles J. White

WHITE-MARROW

Now at home in Loudon, Tenn., are Mr. and Mrs. Charles J. White, following their marriage on July 17 at Lafayette, Ga. The ceremony was performed at 2:30 p.m. at the home of Judge W. L. Abney.

The bride is the former Miss Janice Marie Marrow, daughter of Fred H. Marrow, of the Y-12 Mechanical Maintenance Department, and Mrs. Marrow. They live at 116 Regent Circle, Oak Ridge. The groom is the son of Mr. and Mrs. C. D. White, of Loudon.

For her wedding the bride wore a dress of pink linen with white accessories.

The bride attended Oak Ridge High School and the groom went to Loudon High School.

BROWN-GANN

Solemnized at 7:30 o'clock Saturday night, July 9, at East Ridge, Chattanooga, was the marriage of Charles E. Brown, of the Y-12 Beta Four Heavy Machine Shop of the Mechanical Operations Division, and Miss Carolyn E. Gann. The ceremony was performed at the Scotch's Memorial Church of God with the pastor, Rev. J. R. Harris, officiating.

The bride is the daughter of Mrs. Clare B. Hagan, of Chattanooga.

The bride was given in marriage by Robert Eli Brown. The matron of honor and the bride's only attendant was Mrs. Betty Brown. Serving as best man was Paul L. Gann, brother of the bride. Carl Brown was usher.

Wedding music was presented by Mrs. Aleen Ramsey, vocalist; with Miss Bobby Frazier, pianist. Following the ceremony a reception was held at the home of the groom.

Both the bride and groom are graduates of Kirkman Technical High School, Chattanooga.

Following a honeymoon trip to Daytona Beach, Fla., the couple now is at home at 225 Kentucky St., Kingston.

A CONTINUAL
**SAFETY
CONTEST**
Everybody wins when
Nobody Loses!



A somewhat wobbly and weak, but willing and well enough to wend his way to Goldfish Bowl No. 1 that serves as headquarters for this corner on Monday morning of this week was Jim Young, the Colyum's stand-in and aide. He had been out for several days with a misery that required surgery — but you can't keep a good guy down, so drop around and say "howdy."

MECHANICAL OPERATIONS

A most familiar—and charming—feminine face around the Y-12 Plant for lo, these many years, is missing this week. Lucille Whitman, who of late has been secretarial for Hank Stoner, departed the premises last Friday to launch a career of raising a young son. Lucille and her husband, Graydon Whitman, an ORNLite, completed adoption procedure last week for a husky, three-months-old boy, whom they have named Richard Byron. The host of friends of Lucy and Grady extend their best wishes to the couple in their new roles as Mom and Pop—and predict and hope for them a happy life ahead.

Home on 10-day leave from Walker Air Force Base as Roswell, N.M., is Airman, Third Class, Bertram Jerome Norton, making his Pop, F. R. Norton, of Forming, a very happy gent indeed. . . . W. V. Kanite is putting in a two-week stretch of Army training at Ft. Jackson, S.C. . . . E. T. Taylor is vacationing in West Virginia, where it's coal, not hot (wow, what a pun). . . . "Col." Fred Sexton finally has moved into his Colonial estate over in Knoxville and pals hope his mint bed will produce enough of a crop to make his juleps palatable.

"Butch" Keith, son of T. A. Keith, Sunflower Shop, has just returned from the National Boy Scout Jamboree at Colorado Springs, where he was one of the boys in the bronc riding (barrels) on TV recently. While Butch was in Colorado, his dad, scoutmaster of Troop 224, Oak Ridge, took his boys to camp at Camp Buck Toms on Watts Bar Lake. There will be a picture of this group, including a number of Y-12 youngsters, in The Bulletin next week. . . . Don Matlock has joined the Proud Pop's Club, qualifying when a son, William Anthony, was born July 21 at University Hospital, Knoxville, weighing in at eight pounds, 11 ounces. . . . Richard Dew, George Wiley, R. T. Lally and J. E. Gilstrap represented the department at the funeral in Clarksville, Tenn., on August 4 of the late W. L. Blackford, the former foreman who died August 2 in St. Thomas Hospital, Nashville. . . . Harold Cornell is back from a vacation in Mobile, Ala., and some fishing on Chickamauga Lake, which he reported was real rough. . . . J. S. Steward is attending a big family reunion in Birmingham. . . . George Jones took one week of his vacation for a trip to Iowa and was reported sleeping away his second week.

The TW Shop reports a flock of stay-at-home vacationers, including T. W. Bailey, J. C. Brewer, R. J. Rutledge, W. B. Stephens and H. B. Thackston. . . . Get well wishes go to C. E. Jennings, G. Neal, J. D. Pattie and W. J. Shelley.

Welcomed back warmly to the Beta Four Heavy Machine Shop after three weeks of illness is H. N. Wright. . . . Get well wishes go to ailing S. C. Loope. . . . Relaxing on a Florida beach is vacationing J. O. Overton. . . . W. A. Sahr is visiting relatives in Alabama. . . . C. L. Wright went over to North Carolina. . . . F. C. Bradburn couldn't find a better place than home, sweet home.

SHIFT SUPERINTENDENTS AND UTILITIES

The H. N. Benninghoffs — he's in the Shift Superintendent's group — are vacationing at Erie, Pa., where Benny is planning to do some fishing. . . . The Finley Creighs entertained grandchildren and kin folks last week.

Utilities has welcomed G. R. Beasley back after his recent illness. . . . B. G. Dyer is being congratulated on the recent addition to his family of a nine-pound, one-ounce boy on July 31, who has been named David Wayne. . . . P. L. Beeler has just completed and given a trial run to his new hot rod at Loudon a few days ago. . . . During the D Shift long break D. Stevens and family camped out in the Smokies; O. F. Jordan visited his son at Tennessee Polytechnic Institute at Cookeville; K. E. Caughron visited kin folks at Cosby, Tenn.; and J. D. Tolliver did likewise in Williamsburg, Ky. . . . Vacations find N. M. Standridge visiting his wife's relatives in Tusculum, Ala.; C. E. Welch working around his home; and A. H. Norman visiting his sister in Cincinnati, where he also hopes to see some major league ball games. . . . Sam Kite is planning a diversified vacation—he's going to combine mountain climbing and fishing.

Steam Plant vacationers are J. D. Sweeney visiting in North Carolina and H. K. Wright at home painting and playing golf.

FINANCE AND MATERIALS

Jacksonville Beach, Fla., has attracted Mary Rudder, Material Control, accompanied by her daughter and two sisters, for vacationing purposes.

F&M Administration reports that Eddie "Grandflappy" Pluhar was a recent Knoxville vacationer entertaining two sisters from New Joisey. It also is reported he acquired a new beagle hound and built a doghouse — extra large — to house the pup with room left to house him occasionally if conditions demand. Rumor has it that he is studying the Beaglese language so he can yelp, "Move over, boy."

One of those "honey do" vacations is being enjoyed (?) this week by S. P. Eubanks, Mail Room.

Sincere sympathy is extended to L. F. Powell, Timekeeping, and family on the recent death of his brother.

'Tis heard that Wanda Hawn, of the Cashier and Travel Office, has a very cute "skip" and that the line form on the right for lessons.

A vacation in Washington, D.C., is being taken by Evelyn Crouse, Engineering Records, to visit her brother and a side trip to Virginia is in the plans. . . . Tom Stephens is visiting friends in Washington and New York this week.

Get well wishes are rushed to Margaret Parks, Reproduction, who recently underwent surgery at Oak Ridge Hospital. . . . C. E. Hughes is visiting friends in Cleveland, Ohio, this week.

ENGINEERING

The vacationers from Mechanical Engineering this week have decided to stay at home. . . . They include Eleanor Bennett, Earl Smith and Herb Pohto. . . . Weekend visits can be enjoyable also. . . . The Joe Howells visited relatives at Pigeon Forge. . . . L. Abatiello enjoyed the beautiful scenery of Fontanna, and Roy Huddleston drove up to Crossville. A couple of good moves were made this week when Jack Anderson moved up to Bldg. 9215 and Bill Gent journeyed down to Beta Four.

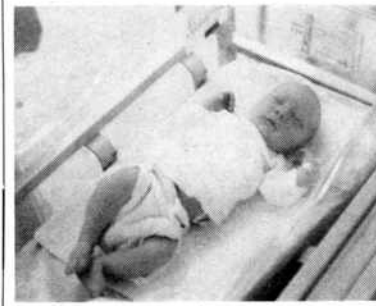
CHEMICAL OPERATIONS

Greetings to James Lloyd Dis-



"FOR DEVOTED AND ENERGETIC SERVICES" to the Northeast Tennessee Section of the American Welding Society as section secretary, member of the executive board and various committees over a three-year period, Harold M. Payne, of the Y-12 Mechanical Inspection Department, left, receives a gold AWS membership pin and personal certificate of membership from C. H. Wodtke, retired chairman of the section. The presentation was made at the recent annual meeting of the section at the Deane Hill Country Club.

ney, Jr., whose Pop is James Lloyd Disney, Sr., Collex Operations. Jim,



Jr., arrived at 8:10 a.m. on August 5, at Oak Ridge Hospital, weighing seven pounds, four ounces. . . . John Shephard is living it up in New York while vacationing. . . . Carl Melton has bought a pair of welder's glasses to view the sights of Florida. . . . Putting things in reverse, Tom Pell is entertaining his parents FROM Daytona Beach, Fla. . . . Get well wishes are extended Ruby Lucas in Oak Ridge Hospital and H. A. Lay in Vanderbilt Hospital, Nashville. . . . T. S. Arnold is back from his Virginia vacation.

Army reserve duty has the attention of Milo Ward, of the Chemical Department. . . . Vacationing at their respective homes this week are Rosie Strong and A. C. Lee.

TECHNICAL

Special Testing welcomes newcomer L. C. Peters. . . . Mr. and Mrs. Lyle Roach, from Paducah, Ky., and former Oak Ridgers, are visiting the G. T. Wells family. . . . Otto Briscoe is touring parts of Tennessee and Kentucky while vacationing. . . . A warm welcome was extended Irene Ellison last week on her return after a leave of absence.

Special Projects' Jeri Kobisk, the author of pungent paragraphs for the Colyum from Special Projects, was a vacationer in her old home town of Chicago last week — 'tis hoped she will return with some new yarns that will be printable in this space.

INDUSTRIAL RELATIONS

A near riot was reported recently in the lot of the Boys in Blue and Gray of the Fire and Guard Department. Seems as how it was previously reported that E. S. Gregory attended the GOP convention in Chicago—but tain't so, he's a Demo. The gent at the Chicago conclave was H. L. Miller. . . . Guard J. A. Margrave and spouse are journeying up in Kentucky for a vacation. . . . Guard P. Garrison is visiting friends in Huntsville, Ala. . . . Get well wishes are extended to the daughter of Guard S. L. Ray, she recently underwent an appendectomy. . . . Also to the wife of Guard G. H. Harvey, ailing in Rockwood Hospital.

Cafeteria Colyum Correspondent Verna Peckman is vacationing at

Continued on Page 4



Get well wishes are extended the following Y-12 employees who were patients last week at the Oak Ridge Hospital:

Edward L. Armstrong, Sr., Clifford E. Graves and Dorric M. Willey, General Machine Shop; Minnie V. Hawk, Tabulation Services; Cephus Brewer, Buildings and Grounds; Hubert L. Barnett, Maintenance Division; Claude J. Cumble, Research Services; Terry V. Williams and E. L. Hendrix, Electrical; Ruby S. Lucas, Alpha Four Cascade Operations.

Y-12ers With 15, 10 Years Company Service

Congratulations to the Y-12 employees listed below who will complete 15 and 10 years of Company Service within the next few days.

15 YEARS

Warren B. Tyree, General Machine Shop, August 17.
Elgin H. Bass, Salvage, August 17.
Archie R. Palmer, Area Five Maintenance, August 18.
Connie W. O'Neil, Product Processing, August 19.
Mattie E. Anderson, Production Assay, August 19.
Doyle B. Williams, Fire and Guard, August 21.
Harry G. Hilbert, Beta Two, August 21.
Vernoy R. Sexton, Beta Two, August 21.

10 YEARS

Boyd H. Hobby, Jr., Sunflower Shop, August 17.
George F. Nelson, Stores, August 17.
Roy J. Johnson, Buildings and Grounds, August 17.
George S. Wheeler, Area Five Maintenance, August 17.
John O'Neal Loy, Utilities, August 18.
Charles J. DeHart, Production Inspection, August 18.
Roy C. Byrd, Industrial Engineering, August 18.
Clarence J. Maddux, Jr., Process Maintenance, August 18.
Charles E. Helfenberger, Research Services, August 21.
John F. Gregory, Jr., Chemistry Development, August 21.
Paul Abner, Heavy Equipment Maintenance, August 21.
Benjamin F. Turnbull, Production Control, August 21.
Chloetina Chitwood, Production Analysis, August 21.
Harold D. Cofer, Process Maintenance, August 23.

The cooing usually stops, but the billing goes on forever.



THESE Y-12 YOUNGSTERS WILL BE COMPETING IN THE 11TH ANNUAL HORSE SHOW to be presented by the East Tennessee Riding Club Saturday night, August 20. From left are Mike Shotts, son of Ira Shotts, Timekeeping; Jimmy Abbott, whose father, Norman Abbott, is in the General Machine Shop; Nancy Holmberg, daughter of an ORNL employee and granddaughter of Lula Belle Justice, Y-12 Mail Room; Darlene Cunningham, daughter of Darrell Cunningham, Beryllium Fabrication; and Bruce Coulter, whose father is B. B. Coulter, Research Services.

Riding Club Sets Show On Saturday

Y-12ers Are Active In Equine Exhibition

A record attendance and "biggest show ever" is being predicted by officials of the East Tennessee Riding Club for the organization's 11th annual horse show, scheduled for Saturday afternoon and night of this week, August 20. The show will be presented at the club's show grounds on Tuskegee Road in the Gamble Valley Section. Several Y-12ers have entries in the show and others will be active in staging the spectacle.

175 Entries Expected

Approximately 175 entries from Oak Ridge, Knoxville, East Tennessee and from other states are expected in the event. It is the largest entry list ever recorded for the event. Entries will include walking horses, gaited horses, Westerns and ponies. They will compete for a total of \$1,000 in cash prizes and trophies.

For the first time, the club is presenting a matinee and night performance. The afternoon show will be 2:30 o'clock and will feature competition by juvenile entries. The program will include events for ponies, pleasure and Western horses. Riding ability of the youngsters as well as the performance of their mounts will be judged. Admission for the afternoon will be 50 cents for adults with youngsters under 12 years old being admitted free.

Barrel Race Featured

The night show will begin at 7:30 o'clock with a program presenting gaited and walking horses, jumpers and Westerns. A feature will be a barrel race for Western horses in which the contestants must ride around three barrels at top speed. Spills and thrills are promised in this event. Admission for this session will be 50 cents for children under 12 and \$1 for adults. Reserved box seats will be extra.

Among the Y-12 horse owners with entries in the show are Ernest J. Rodgers, Research Services, who also will be chairman of the officials committee for the show; Ira Shotts, Timekeeping, show steward; and Darrell Cunningham, Beryllium Fabrication, chairman of grounds committee. Other Y-12ers who will be active in handling details of the show are M. D. Vardanore, Buildings and Grounds; Norman Abbott, General Machine Shop; and Roy Smith, Beta Two.

Cloudburst Conks Oak Ridge Golf

That Oak Ridge cloudburst and flash flood of last Wednesday, August 10, washed out all play in the Oak Ridge Golf League for Y-12ers. As a result, the schedule will be moved back one week and next week's report in The Bulletin will bring action up to date through this week.



TWO FAST STEPPING WALKING HORSES belonging to Y-12ers that will be contenders in the East Tennessee Riding Club horse show Saturday night are shown above. At left is Alice Cunningham riding a steed belonging to her father, Darrell, of Beryllium Fabrication. At right Jimmy Rodgers, son of Ernest J. Rodgers, Research Services, is putting his mount through his paces. Both horses are two-year-olds.



HOLDING AN IMPORTANT role in staging the East Tennessee Riding Club horse show Saturday night will be Ira Shotts, above, Timekeeping, whose son will compete. The Y-12er is Show Steward, in charge of the event. He is up on his own show horse, Ginger.

Sam Campbell Wins Three Net Tilts

Sam Campbell added three victories to his list in the Y-12 Men's Singles Tennis League in recent play, but still is in second place in the loop behind the unbeaten Gene O'Hara. Campbell took Ray Kuhn 6-3, 6-1, Mike Laggis by 6-2, 6-1 and gained a forfeit from A. M. Stephens. O'Hara trounced Pete Rekmeyer 6-2, 6-0 in the leader's only match. R. A. Huber also beat Rekmeyer 6-1, 6-1, but Rekmeyer broke into the win column by handing W. L. Harper a 4-6, 8-6, 6-3 defeat in an overtime engagement.

League standing follows:

Team	W	L
O'Hara	6	0
Campbell	7	1
Pridgen	5	1
Huber	5	3
Fischer	1	3
Kuhn	1	3
Rekmeyer	1	6
Stephens	0	1
Laggis	0	3
Harper	0	5

Nothing clinches an argument like making your point and making it stick. If you want to prove this theory, try arguing with a bee.

All-Carbide To Have New Champion As Tournament Play Will Start This Week

Y-12er Al Gillen Won't Defend 1959 Title; Plant Places Nine In Championship Flight

There will be a new All-Carbide golf champion crowned this year at the annual UCNC tournament for golfers from Y-12, Oak Ridge Gas-eous Diffusion Plant and Oak Ridge National Laboratory. Al Gillen, the Y-12er who won top honors in the championship flight last season for the UCNC title, will not defend his crown. He did not enter the 1960 tournament scheduled for the latter part of this month.

However, the Y-12 Plant will be well represented in the All-Carbide tournament, having placed nine of the 16 players in the championship flight. They are Carl Dorr, Frank Burchfield, Art Hines, Ed Gambill, W. L. Ingle, George Wylie, W. T. Arrowood, Bill Hamill and W. T. Mee. With this many golfers in the title flight, it was inevitable that some of them must face a sudden death match against a fellow Y-12er. Wylie won the consolation flight crown last year and a similar competition will be held this year for losers in first round play.

Competition in the 1960 tournament will require 24 flights, in addition to the championship flights. Assignment to flights depends on handicaps of the contestants, although the tournament will be match play instead of medal.

Revised figures on the number of entrants show that they total 206, one more than in the 1959 event. Of this number, 74 are from Y-12, as compared to 84 last year.

Firing will begin this week in the All-Carbide, with first round matches to be completed by Sunday night, August 21. Second round play must be finished by the following Sunday, August 28 and finals by Sunday, September 24. Matches may be played on any golf course by agreement of golfers involved. If no agreement is reached a coin toss will be held to determine the site of play.

Brewster And Blay Compete At Perry

A pair of Y-12 riflemen are competing this week in the world series of rifle marksmanship — the National Rifle and Pistol Championships for civilian and service personnel at Camp Perry, Ohio. They are Carl Brewster, Medical; and A. J. Blay, TW Shops. They are members of the Tennessee State Civilian Team in the matches, which were scheduled to start on Sunday, August 14, and continue for two weeks.

Both Brewster and Blay have been members of the state rifle team in past years and have posted consistently good scores.

A man hopes his lean years are behind him—a woman that her's are ahead.

Few Matches Played In Knox Golf Loop

There was little links action in the Whittle Springs Golf League for Y-12ers in the Knoxville area during the week of August 8, as only two matches were played as against several forfeits. Galle-Troutman took three points from Norris-Bishop and McNew-Cunningham beat Wyrick-Wilburn by the same score in the contests staged. Teams advancing by three points when their opponents failed to show up were Sawyer-Hendrix, Huskisson-Loy, Miller-Burris, Ingle-Ball, Morgan-Campbell and the Schappel brothers.

Wilburn had a 36 for low scratch score of the week with McNew close behind with 37. In handicap McNew's 30 was best with Wilburn next at 32. The best team scratch round was an 80 by Wyrick-Wilburn while McNew-Cunningham had a 67 for best handicap score.

Team	W	L
Sawyer-Hendrix	39	3
Huskisson-Loy	34½	7½
Miller-Burris	33	9
Ingle-Ball	30	12
Morgan-Campbell	28½	13½
Wyrick-Wilburn	28	14
Galle-Troutman	24½	17½
Cook-Abele	24	18
Schappel-Schappel	23½	18½
McNew-Cunningham	22½	19½
Kovach-Marrow	18	24
Norris-Bishop	16½	25½



KEEPING IN PRACTICE at the Oak Ridge Golf and Country Club was this group of Y-12 golfers snapped recently while participating in "pasture pool." Putting at left is Joe Smyrl and looking on, from left are George Morrow, Ken Andrews and Roy Williams.

Rod Murtaugh's 77 Best At Morristown

94 Y-12 Golfers Play Despite Rain Showers

Only 94 Y-12 golfers braved on and off showers last Saturday at the Morristown Country Club to participate in the fifth and final links tournament of the season. Rod Murtaugh fired the low scratch round of the event with 77, as names of a lot of newcomers showed up on the list of winners of various numbers of golf balls in the four divisions.

Trailing Murtaugh for low scratch score in the First Division were W. T. Arrowood 81, Frank Kennedy 85 and L. C. Martin 87. Low handicap honors were divided by J. W. Phillips and Clyde Bowles at 75 each, with Joe Miller 77 and Paddy Peckman 80 trailing. George Wylie and Bill Hamill each had eight pars.

In the Second Division B. B. Hopkins was boss with 84. Then came C. C. Morgan 85, W. C. Collins 88 and Jack Thomson and George Cantrell deadlocked at 91. M. E. O'Hara had the best handicap score of 72. Avis Collins and Joe Raper tied at 75 for next spot and J. P. Smith and Dick Dehoney were deadlocked at 77. Paul Arrowood had eight pars and W. C. Hoppe six.

Third Division scratch honors went to L. C. Watson with 91. Following were F. K. Clabough and C. C. Hopkins with 93s and Ed Owings with 96. Leo Scaff's 69 was low handicap score of the division and for the entire tournament. R. D. Miskell had 74 and Merle Emery and Hill Henry turned in cards of 76. A. C. Wright fired seven pars and Roy Roberts four.

Fred Jones got around in 92 for low scratch in the Fourth Division. Then came Jim George 102, C. J. Beckett 105 and Paul Bass 108. Phil Shelley's 76 was best handicap score. Ted Newman and George Drevik divided second honors with 78s and Ed DelGrande and C. M. Knowles came through with 83 each. Tom Dougald and Paul Turner each had four pars.

All Softy Games Are Rained Out

The heavy rainfall of last week played havoc with all scheduled games in both the Fast Pitch and Slow Pitch Carbide Leagues as well as the Slow Pitch tournament, scheduled to have started last Tuesday night. The rained-out games will be rescheduled as soon as possible in an effort to catch up with the schedules.

C League To Open Pin Season Monday

The Y-12 bowling season will officially get underway on next Monday night when the C League begins pin pounding at the Ark Bowling Lanes in Oak Ridge. The timber toppling will begin at 5:45 p.m. and the loop will bowl at that hour on every Monday night during the 33-week season. There are 12 teams in the circuit, officers of which are J. A. Whitten, president; W. B. Tyree, vice president and L. C. Watson, secretary-treasurer.

There are two well-known finishes for automobiles—liquor and lacquer.

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Y-12er's Son, Atlanta Girl Eye World's Skating Crown

**Jack Greer, Partner
Win National Title**

Now admittedly pointing for the world's championship in the senior dance class in roller skating are Jack Greer, son of Y-12 Fire and Guard Department Capt. E. F. Greer; and Miss Linda Jo Baker, of Atlanta, Ga. They won their specialty in the American Roller Skating Championships held recently in Little Rock, Ark., after an uphill climb that saw them steadily advance during the past several years one step up the ladder at a time until they finally won the coveted crown.

Tokyo Or Berlin

The world's championship competitions are held only once every four years, the next coming in 1962. They will be held either in Tokyo or West Berlin.

Immediately ahead for young Greer and Miss Baker, however, is the defense of their present national senior dance championship. The American Roller Skating Championships will be held next July for all types of rink artists from speed to figure skaters and skate dancing. The site of the championships has not been decided, as several cities bid high each year for the event, which draws some 1,500 contestants.

To qualify to compete in the 1962 world's championships, young Greer and Miss Baker must not only successfully defend their present championship in 1961 but also must win the American Roller Skating crown in 1962, prior to the world's title competition.

In winning the 1960 championship in their favorite event, Jack Greer and Miss Baker beat 23 rival teams from all parts of the United States, including Alaska, and Canada. Among the trailing teams were the first and second place world's championship teams which had won their titles in New Zealand in 1958.

Jack Greer is 20 years old and a graduate of the University of Tennessee. He is a school teacher at Decatur High School, DeKalb County, Ga., a suburb of Atlanta. Miss Baker is 17 years old and is attending college in Atlanta.

BIG BUSINESS FACT

In this country, 99 per cent of American companies employ less than 100 persons. Fewer than four persons are employed by 75 per cent of the nation's business firms.

DRIVERS WARNED AGAINST USING NEW SUPERHIGHWAY

Tennessee State Highway patrolmen have issued warnings against vehicle traffic using the partially completed stretch of the new superhighway extending eastward from Kingston toward Oak Ridge. The contractors on the project have requested the patrol to keep automobile traffic off the new road until a final surface is placed and road shoulders completed. The State Highway Patrol asks that this request be complied with and threatens arrest to drivers using the new highway.



Jack Greer
And
Linda Jo Baker
With Championship Plaques

Safe, Courteous Driving Is Urged

Continued from Page 1
approaching an intersection must yield to any vehicles or pedestrians on the street or road being approached. Drivers should slow their vehicles and proceed only when the way is clear.

Drivers Sometimes Pedestrians

This is particularly true in the case of pedestrians — and even drivers are pedestrians at times.

Parking areas and spaces within the plant limits have been designed and laid out with the particular objective in view to keep traffic lanes open at all times. It is most important that drivers of government vehicles park only in designated spaces, whether they are driving a truck, sedan or scooter.

Use of common sense whenever a situation not governed by specific traffic rules arises frequently can prevent accidents. A display of courtesy to other drivers and pedestrians is a sign of a careful driver.

A successful Y-12er — observer of safety and security at all times.



Y-12 'Co-Op' Is Phi Beta Kappa

Continued from Page 1

By virtue of his excellent grades, Montgomery was one of 25 Auburn students recently elected to the Auburn Chapter of the Honor Society of Phi Beta Kappa. Of this number 12, including Montgomery, were undergraduates and 13 were graduate students.

Native of Cloverdale, Ala.

Charles Montgomery is a native of Cloverdale, Ala., where he was born September 29, 1937. He attended grade school in Cloverdale and graduated from Florence, Ala., High School. After one year at Florence State College he entered Auburn in the autumn of 1956.

His first participation in the UCNC co-op program began on December 27, 1956, when he came to the Oak Ridge Gaseous Diffusion Plant. He remained there for two quarters before his transfer to the Y-12 Plant in December, 1957.

After starting his work in Y-12, he has been assigned to work in the Alpha Four Cascade Operations Department and also in the Development Operations Department. In both departments his work record has been highly praised.

Will Continue Studies At UT

After returning to work here next month, Montgomery has stated that he wants to continue his studies at the University of Tennessee Graduate School in night classes in Oak Ridge or Knoxville.

The 39 co-op students now in the Y-12 Plant represent 12 different colleges and universities.



Ride wanted from Clinton to Central or North Portal, straight day. C. E. Disney, plant phone 7497.

Riders wanted from West Haven and along Oak Ridge Highway to any portal, E Shift. H. A. Tabe, plant phone 7-8259, home phone Knoxville MU 7-5060.

Riders or car pool members wanted from Lower East Drive and Outer Drive, Oak Ridge, to North Portal, straight day. David Schramm, plant phone 7541, home phone Oak Ridge 5-7557.

Ride wanted or will join car pool from Upper East Drive and Georgia Ave., Oak Ridge, to North Portal, straight day. Carolyn King, plant phone 7714, home phone Oak Ridge 5-2129.

Ride wanted or will join car pool from 3312 Oswald St., Lincoln Park, North Knoxville, to Central Portal, straight day. M. F. Davis, plant phone 7336.

Ride wanted or will join car pool from Grove Center area, Oak Ridge, to North (Biology) Portal, straight day. Jim Rowan, plant phone 7689, home phone Oak Ridge 5-9575.

Ride wanted from Lovell Road, Knox County, approximately one and one-half miles from Knoxville-Kingston Pike, to Bear Creek Portal, J. Shift. James C. Maples, Sr., plant phone 7758, home phone Knoxville WO 6-4502.

Riders wanted from Clinton to any portal, straight day. E. G. Lasater, home phone Clinton 1362-XJ.

Ride wanted or will join car pool from Garden Ave., Fountain City to West Portal, straight day. Andrew Denny, plant phone 7-8811, home phone Knoxville MY 1-5688.

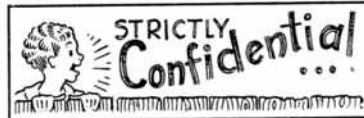
Ride wanted or will join car pool from intersection Washington and Millertown Pikes, Knox County, to Bear Creek Portal, straight day. C. P. O'Brien, plant phone 7395, home phone Knoxville 2-3771.

PLASTIC SHOE RECOMMENDED

A new type all plastic shoe, designed for women and children, has been developed. Some of the ad-



ANOTHER Y-12 SHIFT IS ACTIVE IN THE RECREATION FIELD this year. Shown above is the recreation committee of A Shift, members from left being M. H. Huskey, Beta Two; Don Parten, Sunflower Shop; Pete Gregory, ORNL in Y-12; Capt. M. L. Woodard, Fire and Guard Department, chairman; John Maxwell, Fire and Guard Department; H. Bartley, Alpha Four; Lee Bailey and Kenneth Tidwell, both of Utilities. A Shift already has held four fishing rodeos and has staged two picnics during the summer months. Turkey shoots and other recreational events are scheduled for later this year.



Continued from Page 2

home in Oak Ridge this week, but before departing confided that other vacationers are Mayme Hundley in Knoxville and Willie Braden at home in Oliver Springs.

Some fishing over at Center Hill and more plain resting up at home are vacation plans for Judy Reeves, Personnel Records.

A stay-at-home vacationer is Jane Luttrell, Employment.

MAINTENANCE

Meet little Charles Timothy Bowers, the new addition to the



family of Leonard Bowers, Research Services. The youngster was born July 9, weighing eight pounds. The mother is Carolyn Bowers, a former Y-12er in Research Services.

Electrical still has three folks on the sick list to whom get well wishes are extended — F. B. Parrott, C. O. Johnson and E. L. Hendrix. H. W. Kirkland is moving into his new home while vacationing and also is taking some time for trout fishing at Tellico. R. D. Rosenbaum is visiting in West Virginia. USA Reserve Capt. Joe Bearden is doing a two-week stint of training with the 370th Engineer Battalion, Oak Ridge, at Fort Benning, Ga.

Aw heck—let's go home.

ORNL Physics Division Sets Two Seminar Meets

Two seminar sessions have been announced by the Oak Ridge National Laboratory Physics Division for the next few days. One is scheduled for today, Wednesday, August 17; and the other for Friday, August 19. Both will be held in the auditorium of Bldg. 4500, ORNL, and Y-12ers interested in the subjects are invited to attend.

The seminar this afternoon will be a special physics-electronuclear meeting at 1 o'clock with Al Zucker, ORNL, being the speaker. His subject will be "Nuclear Physics and Nuclear Physicists in the USSR." At 3:15 o'clock Friday afternoon Bert Elbek, of the University of California, will speak on "Coulomb Excitation of Vibrational Levels With Heavy Ions."

Advantages cited for the shoe are lighter weight and five to seven times the wearing ability of leather.

Lenoir Loop Race Grows Tighter

Only two and one-half points separated the first six teams in the Lenoir City Golf League for Y-12 and ORNL linksmen after play during the week of August 8. The loop lead was taken over by Wright-Simmons with a two and one-half point triumph over Ruth-erford-Stinnett. Schultz-Thomas were just one-half point back in second place after whitewashing Collins-Watson by four. Carter-O'Hara also scored a whitewash win over Bowles-Koontz to end up in a deadlock for third and fourth places with Hicks-Cook, the previous week's leaders who took three points from James-Kinkaid, with C. E. "Fuzz" Harris subbing for Kinkaid. The Harris father and son team also blanked Ernest Kennedy-Ludlow. A three and one-half point victory was registered by Thomas-Rogers over Spradlin-Pluhar and Frank Kennedy-Bekett took three from Arrowwood-Wray to round out the program.

Thomas toured the course in 37 for low scratch score of the week with Arrowwood having 39. Arrowwood had low handicap score of 33 with Thomas posting 34.

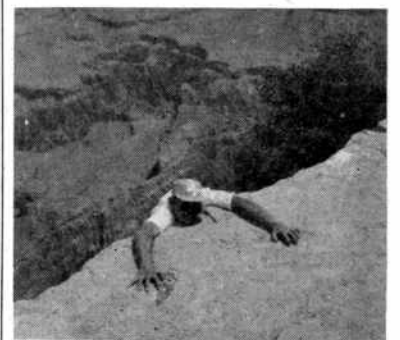
League standing follows:

Team	W	L
Wright-Simmons	12 1/2	3 1/2
Schultz-Thomas	12	4
Carter-O'Hara	11 1/2	4 1/2
Hicks-Cook	11 1/2	4 1/2
James-Kinkaid	11	5
Thompson-Rogers	10 1/2	5 1/2
C. Harris-T. Harris	9	7
Collins-Watson	7	9
Bowles-Koontz	6	10
F. Kennedy-Bekett	5	11
Rutherford-Stinnett	4 1/2	11 1/2
Spradlin-Pluhar	4 1/2	11 1/2
E. Kennedy-Ludlow	4	12
Arrowood-Wray	3	13

Newsman To Get Preview Of UCC's Hall Of Science

About 125 representatives from newspapers and trade publications will visit the Union Carbide Building at 270 Park Ave., New York City, on October 27. They will preview the initial exhibit in Union Carbide's Hall of Science and inspect various unique features of the new building.

The exhibit will be one of the most comprehensive in the country on nuclear energy, and will demonstrate man's evolutionary concept of the atom. A central feature of the exhibit will be a large operating model of a pool-type research reactor.



HOW NOT TO SPEND a vacation is illustrated graphically by F. K. Booth, Mechanical Department. He recently toured the Far West taking in sights in and around the Grand Canyon.